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**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER  
24881-11101U.S. APPLICATION NO. (If known, see 37 CFR 1.5)  
Not Yet Known**10/563064**INTERNATIONAL APPLICATION NO. **PCT/JP2004/009325** INTERNATIONAL FILING DATE **01 July 2004**PRIORITY DATE CLAIMED  
01 July 2003**TITLE OF INVENTION**

Contour Extraction Apparatus, Contour Extraction Method, and Contour Extraction Program

**APPLICANT(S) FOR DO/EO/US**

Nobuo Higaki

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not transmitted by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not transmitted by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet Under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known; see 37 CFR 1.5) Not Yet Known	10/563064	INTERNATIONAL APPLICATION NO. PCT/US2004/009325	ATTORNEY'S DOCKET NUMBER 24881-11101
20. Other items or information:			
Statement to Support Filing and Submission of Sequence Listing			
The following fees have been submitted			CALCULATIONS PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....			\$300
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by the IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....			\$0
All other situations .....			\$200
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....			\$0
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....			\$100
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....			\$400
All other situations .....			\$500
Total of 21, 22 and 23 =			\$1000
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
48- 100 =	/50 =		X \$250
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).			\$0
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	20 - 20 =	0	x \$50
Independent claims	3 - 3 =	0	x \$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable) n/a			+ \$360
TOTAL OF ABOVE CALCULATIONS =			\$1000
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			
SUBTOTAL =			\$1000
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			+ \$0
TOTAL NATIONAL FEE =			\$1000
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			+ \$40
TOTAL FEES ENCLOSED =			\$1040
			Amount to be refunded:
			Amount to be charged:

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IAP20 Recd PCT/PTO 29 DEC 2005

- a.  A check in the amount of \$ 1040.00 to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. 19-2555 in the amount of \$1040.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-2555. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Albert C. Smith  
Fenwick & West LLP  
Silicon Valley Center  
801 California Street  
Mountain View, CA 94041

\_\_\_\_\_  
SIGNATURE\_\_\_\_\_  
Albert C. Smith  
NAME:\_\_\_\_\_  
20,355  
REGISTRATION NUMBER:

TRANSMITTAL LETTER TO THE  
UNITED STATES RECEIVING OFFICE

International Filing Date	01 July 2004
International Application No.	PCT/JP2004/09325
Attorney Docket No.	24881-11101

I.  Certificate of Mailing

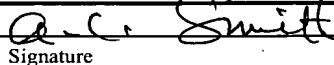
EV442657363US

Express Mail Mailing Number (optional)

307563064

Dec. 29, 2005

I hereby certify that this correspondence, including the enclosures identified below, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents & Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown above. If the Express Mail Mailing Number is filled in above, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.



Signature

Albert C. Smith

Typed or printed name

II.  New International Application

TITLE

Earliest priority date  
(Day/Month/Year)

**SCREENING DISCLOSURE INFORMATION:** In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

- A.  The invention disclosed was not made in the United States.
- B.  There is no prior U.S. application relating to this invention.
- C.  The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application.

(NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority)

application no.		filings date	
application no.		filings date	

- D.  For foreign filing license purposes, the present international application  contains the same subject matter as  contains less subject matter than, that found in the prior U.S. application(s) identified in paragraph C above.
- E.  The present international application  contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C above. The additional subject matter is found on pages  and  DOES NOT ALTER  MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15.

III.  A Response to an Invitation from the RO/US. The following document(s) is(are) enclosed:

- A.  A Request for An Extension of Time to File a Response
- B.  A Power of Attorney (General or Regular) (2)
- C.  Replacement pages:

pages	of the request (PCT/RO/101)	pages	of the figures
pages	of the description	pages	of the abstract
pages	of the claims		

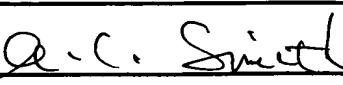
- D.  Submission of Priority Documents

Priority document	Priority Document
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- E.  Fees as specified on PCT/RO/102 (January 2003)

IV.  A Request for Rectification under PCT Rule 91 A Petition A Sequence Listing DisketteV.  Other (please identify):

Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 and enclosures.

<input type="checkbox"/> Applicant	Albert C. Smith
<input checked="" type="checkbox"/> Attorney/Agent (Reg. No.) 20,355	Typed name of signer
<input type="checkbox"/> Common Representative	 Signature